

<b>FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE</b> <b>(REV. 7-80) PATENT AND TRADEMARK OFFICE</b>				<b>ATTY. DOCKET NO.:</b> 62687.000111		<b>SERIAL NO.:</b> 10/771,143	
<b>LIST OF MATERIALS CITED BY APPLICANT</b> (Use several sheets if necessary)				<b>INVENTOR'S NAME:</b> Gregory G. CAPPIELLO et al.		<b>EXAMINER:</b> Unassigned AMAR	
<b>FILING DATE:</b> February 5, 2004				<b>GROUP:</b> Unassigned 2872			

  

U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE	
99	1.	4012843	03/22/1977	Harada et al.	—	—	
	2.	4111524	09/05/1978	Tomlinson, III	—	—	
	3.	4111524	09/05/1978	Tomlinson, III	—	—	
	4.	4153330	05/08/1979	Tomlinson, III	—	—	
	5.	4198117	09/05/1980	Kobayashi	—	—	
	6.	4219933	09/02/1980	Kita et al.	—	—	
	7.	4246338	01/20/1981	Kaplan	—	—	
	8.	4299488	11/10/1981	Tomlinson, III	—	—	
	9.	4343532	08/10/1982	Palmer	—	—	
	10.	4387955	06/14/1983	Ludman et al.	—	—	
	11.	4652080	03/24/1987	Carter et al.	—	—	
	12.	4741588	05/03/1988	Nicia et al.	—	—	
	13.	4846552	07/11/1989	Veldkamp et al.	—	—	
	14.	4857726	08/15/1989	Kinney et al.	—	—	
	15.	4926412	05/15/1990	Jannson et al.	—	—	
	16.	5007708	04/16/1991	Gaylord et al.	—	—	
	17.	5061025	10/29/1991	Debesis	—	—	
	18.	5080465	01/14/1992	Laude	—	—	
	19.	5085496	02/04/1992	Yoshida et al.	—	—	
	20.	5216680	06/01/1993	Magnusson et al.	—	—	
	21.	5233405	08/03/1993	Wildnauer et al.	—	—	
	22.	5278687	01/11/1994	Jannson et al.	—	—	
	23.	5363220	11/08/1994	Kuwayama et al.	—	—	
	24.	5420719	05/30/1995	Montgomery et al.	—	—	
	25.	5422745	06/06/1995	Williams et al.	—	—	
	26.	5450510	09/12/1995	Boord et al.	—	—	
	27.	5450512	09/12/1995	Asakura	—	—	
99	28.	5457573	10/10/1995	Iida et al.	—	—	

  

<b>EXAMINER</b> <i>Alison Ann</i>	<b>DATE CONSIDERED</b> <i>7/20/2005</i>
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U.S. PATENT DOCUMENTS							
99	29.	5457573	10/10/1995	Iida et al.	—	—	
	30.	5526155	06/11/1996	Knox et al.	—	—	
	31.	5555334	09/10/1996	Ohnishi et al.	—	—	
	32.	5583683	12/10/1996	Scobey	—	—	
	33.	5748815	05/05/1998	Hamel et al.	—	—	
	34.	5777763	07/07/1998	Tomlinson, III	—	—	
	35.	5793912	08/11/1998	Boord et al.	—	—	
	36.	5796479	08/18/1998	Derickson et al.	—	—	
	37.	5835458	11/10/1998	Bischel et al.	—	—	
	38.	5907436	05/25/1999	Perry et al.	—	—	
	39.	5912997	06/15/1999	Bischel et al.	—	—	
	40.	5914811	06/22/1999	Chen et al.	—	—	
	41.	5946128	08/31/1999	Pack	—	—	
	42.	5970190	10/19/1999	Fu et al.	—	—	
	43.	6002522	12/14/1999	Todori et al.	—	—	
	44.	20010046087	11/29/2001	Hoose	—	—	
aa	45.	6577786	06/10/2003	Cappiello et al.	—	—	

  

FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION	
							YES	NO
99	46.	0323238 A2	07/05/1989	EUROPEAN	—	—		
	47.	0540966 A1	05/12/1993	EUROPEAN	—	—		
	48.	0859249 A1	08/19/1998	EP	—	—		
	49.	9948197	09/23/1999	WO	—	—		
	50.	99/67609 A1	12/29/1999	WO	—	—		
	51.	0118577 A1	03/15/2001	WO	—	—		
	52.	0173484 A1	10/04/2001	WO	—	—		
aa	53.	0206860 A1	01/24/2002	WO	—	—		

<b>EXAMINER</b> <i>Alexander Amari</i>	<b>DATE CONSIDERED</b> <i>7/26/2005</i>
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							YES	NO
99	54.	0297437 A2	01/04/1989	EP	—	—		
	55.	9941858	08/19/1999	WO	—	—		
	56.	9941858	08/19/1999	WO	—	—		
	57.	1001287 A2	05/17/2000	EP	—	—		
	58.	0107947 A1	01/02/2001	WO	—	—		
99	59.	1130422 A1	09/05/2001	EP	—	—		

  

OTHER MATERIALS (Including Author, Title, Date, Pertinent Pages, Etc.)		
99	60.	Patent Abstract of Japan vol. 012, No. 053, 09/04/1987, JP 62 200320 A, Abstract
	61.	LAUDE, "Stable Monoblock Wavelength Division Multiplexers with Channel Spacings Down to 0.5 nm Usable as Practical Wavelength Reference Tools in Optical Fibre Communication Systems," Pure and Applied Optics, November 1994, pp. 963-974
	62.	PCT, Communication Relating to the Results of the Partial International Search for PCT/US01/17833, 09/16/2002
	63.	WADE, Application No. 09/382,492, August 25, 1999
	64.	CAPPIELLO et al., Application No. 09/545,826, April 10, 2000
	65.	CAPPIELLO et al., Application No. 09/724,771, November 28, 2000
	66.	CAPPIELLO et al., Application No. 09/724,770, November 28, 2000
	67.	CAPPIELLO, Application No. 09/724,638, November 28, 2000
	68.	CAPPIELLO, Application No. 09/724,604, November 28, 2000
	69.	SUSSMAN et al., Application No. 09/724,717, November 28, 2000
	70.	CAPPIELLO et al., Application No. 09/724,804, November 28, 2000
	71.	BOYD, et al. "High-Efficiency Metallic Diffraction Gratings for Laser Applications," Applied Optics, Vol. 34, No. 10, April 1, 1995, pp. 1697-1706
	72.	PERRY et al., "High-Efficiency Multilayer Dielectric Diffraction Gratings," Optics Letters, Vol. 20, No. 8, April 15, 1995, pp. 940-942
99	73.	HARADA et al., "Transfer Function Matrix Measurement of AWG Multi/Demulti-Plexers," IEICE Trans. Comm., Vol. E82-B, No. 2, February 1999, pp. 401-405

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94	74.	IIDA et al., "Narrow-Band Ten-Channel Optical Multiplexer and Demultiplexer Using a Fourier Diffraction Grating," Applied Optics, Vol. 31, No. 20, July 20, 1992, pp. 4051-4057	
	75.	CHOWDHURY, "Design of Low-Loss and Polarization-Insensitive Reflection Grating-Based Planar Demultiplexers," IEEE Journal of Selected Topics in Quantum Electronics, Vol. 6, No. 2, March/April 2000, pp. 233-239	
	76.	GRAF, "Fabrication and Evaluation of an Etched Infrared Diffraction Grating," Applied Optics, Vol. 33, No. 1, January 1, 1994, pp. 96-102	
	77.	SIMOVA et al., "A Complete System for Characterization of Spectrally Selective Fiber-Optic Devices," Part of the 18 <sup>th</sup> Congress of the International Commission for Optics: Optics for the Next Millennium, SPIE Vol. 3749, August 1999, pp. 124-25	
	78.	GARRETT et al., "Ultra-Wideband WDM Transmission Using Cascaded Chirped Fiber Gratings," AT&T Labs, Optical Fiber Communication, Optical Society of America, February 1999, pp. PD15-1 - PD15-3	
94	79.	CHUA et al., "Component Technology Enables High-Capacity DWDM Systems," Lightwave August 1998, pp. 64, 66, 68-69	
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Alonso Amari		7/20/2005	
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